

ThinkPad T460p Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i5 / i7 Processor								Smart card reader <i>Optional</i> : Smart card reader													
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)												
	i5-6300HQ	4	4	2.3 GHz	3.2 GHz	6MB	DDR4-2133	Intel HD Graphics 530	Ports	Three USB 3.0 (one Always On), MiniDP, HDMI, Ethernet (RJ-45), Dock connector												
	i5-6440HQ			2.6 GHz	3.5 GHz				Camera (<i>optional</i>)	HD720p resolution, low light sensitive, fixed focus												
	i7-6700HQ		8	2.6 GHz	3.5 GHz	6MB			Audio support	HD Audio, Realtek® ALC3245 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack												
i7-6820HQ	2.7 GHz			3.6 GHz	8MB	Keyboard UltraNav™			6-row, spill-resistant, multimedia Fn keys, LED backlight TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad													
Graphics	Intel HD Graphics 530 in processor only, or Intel HD Graphics 530 in processor and NVIDIA GeForce® 940MX, 2GB memory; supports external digital monitor via HDMI or Mini DisplayPort; supports three independent displays; Max resolution: 3840x2160 @60Hz (DisplayPort via Mini DisplayPort cable); 4096x2160 @24Hz (HDMI)								Security	Power-on password, hard disk password, supervisor password, security keyhole												
Chipset	Mobile Intel QM170 Chipset								Security chip	Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset												
									ThinkEngine	Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures												
Memory	32GB max ⁷ / 2133MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets								vPro (<i>optional</i>)	Intel vPro Technology												
Display	<i>Some:</i> 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 160° viewing angle <i>Some:</i> 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 or 800:1 contrast ratio, 160° viewing angle								Fingerprint reader	<i>Optional</i> : Touch style fingerprint reader on the keyboard bezel												
Multi-touch									None								Battery	Li-Ion 3-cell (23Wh) or 6-cell (48Wh or 72Wh)				
Storage	<i>Some:</i> SSD / SATA 6.0Gb/s (e.g. xxxG SSD) <i>Some:</i> SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxG SSD PCIe NVMe) <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Shock Mounted Hard Drive, Active Protection System™								Max battery life ¹⁰	<table><tr><td>Models</td><td>3-cell</td><td>6-cell 48Wh</td><td>6-cell 72Wh</td></tr><tr><td>Integrated model</td><td>4.34 hr</td><td>8.58 hr</td><td>13 hr</td></tr></table>				Models	3-cell	6-cell 48Wh	6-cell 72Wh	Integrated model	4.34 hr	8.58 hr	13 hr	
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Optical	None								(MobileMark® 2014)	<table><tr><td>discrete model</td><td>4.1 hr</td><td>8.5 hr</td><td>13 hr</td></tr></table>				discrete model	4.1 hr	8.5 hr	13 hr					
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Ethernet	Intel Ethernet Connection I219-LM (Jacksonville)								AC adapter	90W or 135W AC adapter												
WLAN ⁴	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none">• 11ac+BT, Broadcom BCM4356, 2x2, M.2 card• 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card								Preload	Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 <ul style="list-style-type: none">• Lenovo Solution Center• ThinkVantage Product Recovery• Rescue and Recovery™• ThinkVantage System Update• Adobe® Reader®• Microsoft® Office preloaded; purchase a product key to activate• McAfee® LiveSafe™ (30-day trial)												
Bluetooth™									Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Limited warranty ¹²	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none">• 1-year depot repair service• 3-year/1-yr battery depot repair service• 3-year/1-yr battery limited onsite service²⁴• 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)				
WWAN (<i>optional</i>)	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none">• Wireless WAN upgradable• Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card• Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)								Mil-Spec test	MIL-STD-810G military certification												
SIM card (<i>opt</i>)									Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card								Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant				
Dimensions ³	WxDxH: 13.54" x 9.41" x 0.96"; 344mm x 239mm x 24.4mm																					
Weight ²									<table><tr><td>Models</td><td>3-cell</td><td>6-cell</td></tr><tr><td>Integrated model</td><td>3.99 lb / 1.81 kg</td><td>4.70 lb / 2.13 kg</td></tr><tr><td>discrete model</td><td>4.04 lb / 1.83 kg</td><td>4.75 lb / 2.15 kg</td></tr></table>			Models	3-cell	6-cell	Integrated model	3.99 lb / 1.81 kg	4.70 lb / 2.13 kg	discrete model	4.04 lb / 1.83 kg	4.75 lb / 2.15 kg		
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Case material	Display cover: PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic; Bottom: Magnesium alloy																					